

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:272	Early	LPZ-249	GCGGACGCCTCAATAGTTATGGAAGGGCAGCTGCACTACTTCAGCATGAGTGGAG GCCTAAAGTTTGTAACTTTCTGGTGAGGTGGACACCAAAGCCCTCACAAACA GTCAAAGGTGGGCTATCTGGTTGAAGCTTGAAGGATATGCACTATTGG TACAGATTAAGCGAAGGTCTGTCCAATTGGATTGGAGTTGAGTTTCC TCAGAATAATTATTCATGCCTGTGTTCTGCTCTCGCAGCCGA
SEQ ID NO:273	Late	LPZ-250	GCGGACGCCTTGCCTAACATCCCTGCATCTGCCTGATTTGATTGC AGACCTGAGGTTAACGGTAACTGGAAAGCTTCCACCATCTCTCCCTGTTAAGGAAGA CCCGAAACCCTAGCCACTGTCTCTGTGACTTAAATTCCAGTTCAACACCTA ACTCTGCGTCCGTTAAATTCTGGCAAAGTCACTGCCAATTGGTCAATCATATCCT CTGAATTGGCAAAGAAAACATAGGTCAATTCTGCTCTCGCAGCCGA
SEQ ID NO:274	ND	LPZ-251	GCGGACGCCTCGTCAATCCATGGTTGAAACATGCCTCAAAACTGTTCTTATGT CGCACAAATGTCATGTTCTTGAGCGATTTCCTGCTGCATTGCGAGCCTG TGAAAGTCCCACATCTGCGCTGCCCTTACTTCATAATACTCTGCTCT CGCAGCCGA
SEQ ID NO:275	Late	LPZ-255	TACGGCTCGAGAAGACGACAGAAAAACTGTATACGAGTAGGCAGCGAGTCCTG GCAGTATGGGAGATTGAACCTCAATTACATTAGTTACAAGTAGCATCACAGTGAC TGAGCCAAGAGCTCTACACAGAAAAAATAAAATAAAATGTATATATTACAGGAGA AACCCCAATGGCCTCAGGGCCTGAATAATCAATCGCAGCGGTGGTCATGTGGC CTTTCAAGGCTGCAAATCTTCAAGGGGAAGCCATCATCTTGTGCTATCCTT TTGAGGGATAGCGAGCCACGCAAGATTGAAGCGATTGAATACTTGGGGT GTCGAGAACGCACCAAGAACATGCACTCGAGAAATACTACTGTGATTACTGTGAC AAACAATTCCAGGAACTCCCTCCGCTAGAAAGCGACATCTACAAGGCCTCCGC
SEQ ID NO:276	Late	LPZ-256	GCGGACGCCTGTACCGTATTGAACTAAACCCCTTGGTATAGGGTTTCGC CACCCCTGCGTTCATGGTTTGATTACGTCGATTCCCGTCTGCGAGCTCTC TGCACATTGCAATTCTATTGTGATTTCCTATGATGCTCGTATTGTTGAAGC TCGTCTCCTAGTTCTCTGTGATACCAGTTGGTAGTCTGCAAGTTGATGTGGG TCTTTAGCTGGCTGGGTTTGCTCTGAGTATGTTGAGCTGATGCTGCTCGT GCGGTCTCACGGCTCCATTGTCGGAATCTGTTGGAAGTGTCTGGTCACT GTGGAACTGTGAAACCTGGTAAGATTGTTATCTGCTGTCTAAACTGTTCT GAGTTTCTGTCGTTCTCGCAGCCGA
SEQ ID NO:277	Late	LPZ-257	GCGGACGCCTGCTGTTGAAGAAGGATGAAGTCATTGTCGCGCCCTGTTGAGCA TGATTCGGCATTCTTAATCTGGTCAACCAGTCAGAAGGTGGCGCTGAAGGTGACG AAGAGGCAACCTGGGTAGCTGCACTGGAAACTCAAGCTGCAAGGGGCACCGACCC TCAGACTTCGCGCGATTAACCTCCCTCTGGCTAAGTCGATGCCAAGGTCTTGT TCTGGGTTCTCTGTTGCTGATGTTGTTCTCTGTTCTGTTCTGTTCTGTTCT TCTGTCGTCCTCGC
SEQ ID NO:278	Late	LPZ-258	GCGGACGCCTGCACATACAAAGAACGACAAAAACAAAGCATAAAATCCAATAGAT GCAACTATATATCAAGTCAGAAATGATATAACTCATCATTACAAAGAACATAAG AGTGGAAACCTATAATAGTCGTCATTGATAAATAAGAACATACACCATA GTTCTGTCGTCCTCGCAGCCGA
SEQ ID NO:279	Late	LPZ-260	GCGGACGCCTGTATAACATGCACCAAGAGACCAATCAAAGCACATGCAATCTGTA TATATAGCAGAATAACAGCCAGGGATTGCACTCTATGTAATCGCAGAACACCGCA CTAATATGTGCCCATGCTGATGATGCACACAGCATGTTCTGCTCTCGCAGC CGTA

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:280	Late	LPZ-261	GCGGACGCCCTGAACGTATAGAGTTGAAACTTGAGGGAAAGGCTTGCTGCCACCAA AGCCTCCCTCCTCTTCCCTGGCGGTCGTACCTCCTTCGCCTCAGAGCCCCAA TTCCCTCCTCGGCACACCAGCAAACACTGCATCGAATGTTTCCACCATTCGTAAT ATTCCCTCGGAGTTACCTTGGGGCAGAAGCCGCATTGAAGAGCATTGAATGCTATT CATTATCCCACCGTAAACATACCATGCAACCTGCCTGTATCGACCCGCTGCTCT CTACGCGTGGCTGGCACATGGCGTGTAAATTGATGTTGACACCCGATACGGGG TGTGCTTGTGCTCGTCTGCATATCATGTTAGGATCTCATAGAAGGTGGACCA TTCTGTCGTCTTCT
SEQ ID NO:281	Late	LPZ-264	GCGGACGCCCTCTTACAATGTCTCTTAAAGATTGGAAAGATTGCTTGTCTGCAACC ATAACTTCCCGCTGCTTCTTATTAAATGCAACCCACTGTGATCCTTCCGCCATTAA TCCTTCGAATGGTTGGAGCCATTGGGGTGTACCGACTAGCTTTGGGTCTAC AAAGCTGTCTACAAAACCTTTGGAGATGACATTACATAATCATATGTTAGCTGAA GTTGTACAAAGGTACACAACTATCTGAAACAAAAATGAATCTCGTAGCTGGATC CTCGAGTGCTTCTCTAAGTAGAATACGCTCCGTTCTATCATACTGGCTTCTCCCCA AAGTACCTGTATGCTATCACTAAGCTGCCAGCCGTAACAAAATGACATTCTGTCTG CTTCTCGCAGCCGTA
SEQ ID NO:282	E,M	LPZ-265	GCGGACGCCCTTGCTAGGAGAGCTACGCCATTATTGAACGATTGAGCCGAAGTT TCACCGTTAACCGATTGTGCTCCAGAGGTTATTGGAGATTAGCAGCTGGATT GGCTGCTTCGCTCAGGCCGTGATTCACTGCTTTGATTGATTCTCTCCAGTTCTAA CCTGTAACGACAATGGCAATGAAGACCTACACATTGCACTGGCAGCTGCGTACGC TGTAGTCTGTATGTTGCTCTTTGGCATGCAAAGGCTGCTGATGCAACCGTCTC CCAGCCCCGTTACTGGCGGGTTCCATGGACTTCGTTCTCTGCTGCTTCTCG CAGCCGTA
SEQ ID NO:283	Middle	LPZ-266	GCGGACGCCCTTATCAGCTGGGGCATTCAAGGTATGAAATTCACTGAAACTTCA GTGGACAGTATGTGGATTAGGCACCTGTGACAGTTCACTGATATCTATTCTATTCT ATCCAGAGACAGATTCCCATACTCACCTCGTCTTCCCATATATTCTGGAAAGGC ATCATGTCCTCCCAAATTACTCATTTGCTGGCGTGTACAA
SEQ ID NO:284	Late	LPZ-268	GCGGACGCCCTGTTGCCACAGAAGAATGAATAATGCTTCAAATTGAGACCTCTC GGAGGAAAATCCTGTTACTGCCAACCAACTCATGATGATCTCGCTCACGCTG ATTATGAGCTGCAATTAAATTATTCAGATGAAACATTCCCATATTGAGCTGAGA CAAGTTGCAACCCCTCAATTTCAGTTGCTGCTTCTCGCAGCCGTA
SEQ ID NO:285	Middle	LPZ-269	GACGTTGAAAACGACGCCAGGATTAAGGTTCATGAGCTCGCAACAAGAGCAAA TCAG
SEQ ID NO:286	Late	LPZ-270	GCGGACGCCCTAGGAGCCGGGAATTCTGTGAGCTCGAATTGCCGAGCAG GTATTGTCCTCGTCCCGCTCGTCACCTCATATACTTGAATTAGAACCCAG GCTGATTATCTGAGTAAGTGTGAGAAAATCTGTCCTTGGTTGGAATGGTGGTG TTCTCGGTATTAATCTGTCATTACACCTCCCGCTGCTCCAACCCAGACTTAAT GGCGTGAACATCTAGCAACAGCAGGTCTGCACCTTCTCGTGCCTCGCCGCTGA GAATGGCAGCCTGCACAGCTGCACCATATGCCACGGCTCGTCTGGTTAATGCT CTTACAAAGCTTTGCCATTGAAGAAATCTGGAGCAATTGTTGACTTGGGAT ACGAGTCGAACCCCCGACCAAGACGACATCATCTATTGGCTTGTCCATCTTAG CATCTTCGCATACATTCTCCACAGGCTCCATACTCTCTGAAAGATCCATGTTG AGTTCCCTCGAAGCGAGCTCGCTGAATTGTCGCTGAGAAGACAGCGTTTTGCCCTC ACATGCTGTTCTCAGCTCGAAGAGCCTGCTGACATTCCCGCTGATGTTCTG GCTTCTTGAATTCTGCACAAAGTGATTCACTGCTTCTCGCAGCC GTA
SEQ ID NO 287	Late	LPZ-271	TAGCCATGCCATTCTATAATCTAGGATCCTGCTGAACGATAAGCCCATAAAAT TGATGCACTGCCTCGCTATCCCTGGCGTGTACACGTC

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cDNA	Embryo	Clone	Nucleotide Sequence
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SEQ ID NO:288	Middle	LPZ-272	GACGTTGAAACGACGCCAGGAATTACAGCTACCTCTAAGTGGTTGACGGCGTTGCATCTTGAGGGTCGAATCCTCTGCAGATCGCATGGAACCTGGCGAGTGCAATGATGAGAAGAGTTGCGATGGATTCTGAAGCGCACGGGAGGCTCTGAGGAGGATCGTTACTATATCAGCTACGGAGCATTGGCTGCTAATCGCCTTCCTGCCACCTCGGTCTGGAGGTCTTATTACACTCGGAATTGTATACGGCGAACAGGCCCCGTACAGACCTTACCAACAGAAGCTGCACTGCTATCACTCGTCCGC
SEQ ID NO:289	Middle	LPZ-273	GCGGACGCCCTGGGAAGCAATGGATGGGTGGCTAGACGCATCCGCTTGTGTATACTATTTGACCGGAAAGAGTGATGTCCTGCCGCTGTTTACAACGTC
SEQ ID NO:290	Late	LPZ-274	GACGTTGAAACGACGCCAGATTCAAAGAAAAATCCCACTTCTGGCTCCGTTGCCTCCGCCGAAGCTCCTCTGCACCCCTCTGCAGCGTACACTGCATCCCTCGCGGTGCTGGCTACCTCGCAGGTCCGCTGACGGTAAATGGTTCCAATAAGCTATTGCTCTCACCCAAAATCCATCTAGCATTGTTGGATTGACATTCTGCATTCTCTGCTTTCTGTTGATATGAAAGATTGAAAGCCCATTGCAAGCAGTGTCGTGGATTCACTATAAGGCGTCCGC
SEQ ID NO:291	Late	LPZ-275	GACGTTGAAACGACGCCAGGAATAAAACAAAGCATCACTGCAAAATTCAAACGTGGTAATAACGGCTAGCCAGCTCGACGTGAAGGCAAGTGGGGCCTGAGGTGCTTTGGCGTCAAAATTGGCTAGACTACCATAACATAAATATTGATTTCAGTGAATCACTGGTTGGAGTCATCCACAGCCTGTGCACCAAGTACGGCAATTGCCTTTACATGAAGCCATCCTTCACTTTACTTTGAGATTCTCAGAACTGAGGGCTAGGC GTCCGC
SEQ ID NO:292	Middle	LPZ-276	GACGTTGAAACGACGCCAGCACCTCTAGTCCCCTGTTCCATTCTCTGAAATAGGAGCAGTTGACCCAGTCCAGTTTCAAATTGAGAATATGAAACAAAGAACCTAACGATATGAGAGAACATACAAAGACTTTGTATAAAACTACTTTCACAGGATCTAACAGCCCTGCTGAGATCCATTGATAACAAGGCCCTGATCTCCACCCCTCTCCATTACCTCCACTAGAAAGATGATGAAAGCAGACACATGAAATGTTGCTGCAGGCGTCCGC
SEQ ID NO:293	Middle	LPZ-277	GACGTTGAAACGACGCCAGTTAGGTGATATTGATGACTCTTGACTCCATTGAAATTTATGAAACATCTTGTCTCGAGATTAACTCAGTATTAAAGCTTCAGAGTGAAGTTCACTGATCTGCATAAACCTGTACGCCACCATATCTACATCACATCTAAATTACTAAATGTGAGGAGATGGAATTGTTCTTGAGAATCCCTATTCTCATGACACTGTTACTGGATCAGATCCAATCAAACCTTGAGAAGTAATCTCTGAAAGAAATTAAAAAGTCTTACCTGAAATTATCTGATATCAGAAAGCAGAAATTATGATACATAGACTTCTTATAATGAAGAGTCATTTGCCAACGTTGCTTGCACCCACCAATCCCCATGATCCAAAGATCTGAGGTTCCATCTATGTGGCTGTGATAACACTGGATTTCAAAAATCTTCACTTCGCATCCAAACCTTTGGATATT
SEQ ID NO:294	Late	LPZ-278	GACGTTGAAACGACGCCAGGGGGATGGGAGATACAGAAAGATCCGGATAAAAGGGAGCAATGAACGGCTGGTTAAAGCGTAGTCACCCACTAGCCCCACCTCACTGGGCCACAGCTGAAACGAGGATTCTGGGAAGCGCGAGAGGGCGTCAAGTTATCAGCTCATGTGATTGCCACCCACTGCAAAGATGTCTACCGTAGGCTGTGATGGGCCCAAGGCGTCCGC
SEQ ID NO:295	Late	LPZ-279	GCGGACGCCCTATCAGATGGGTGAGTTGACCGACATTATCGCCGATAATGTTAGGCTGATGTCATGGCAATCCACGTGTCACCATATTTCATCGGAGCCCTCGTCGAATATTCCATGCCGGAGAGCTGGCGCGATAGGTTTCAGGCGGCCGGTTCTGGTTGAGCTGTGGCTTCCCGCGCCTTAAGTGTGTTGGCCACCCACCAATCCCCATGATGAAATTACAATTTCAACATATCCAAACATACCATCATATAACCCAACAAACACTAGCAACAGATCCTGTTCTGTGCCACCGTCAACTCTTGA

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